

Cyprus Thompson Creek

Post Office Box 62
Clayton, Idaho 83227
Telephone (208) 838-2200

August 15, 1986

Ms. Dolores White
U.S. E.P.A.
Region X
1200 Seattle Avenue
Seattle, WA 98101

Reference: Cyprus Thompson Creek Mining Company
Permit # ID 002540-2

Subject: Turbidity Readings - Thompson Creek

Dear Ms. White:

Please attach the enclosed July turbidity readings to the July NPDES data recently mailed to you.

Sincerely,

Barb

Barbara S. Metz
Environmental Technician

BSM:rk/d

Enclosure

cc: W. Scarborough

RECEIVED
AUG 20 1986

IDAHO OPERATIONS OFFICE

CYPRUS

JULY 1986 TURBIDITY

CYPRUS THOMPSON CREEK

	<u>TC 1</u>	<u>TC 2</u>	<u>TC 3</u>	<u>TC 4</u>
7/3	0.65	0.69	0.87	1.1
7/17	0.71	0.72	0.85	1.6

Cyprus Thompson Creek

Post Office Box 62
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August 14, 1986

Chief, Water Compliance Section
EPA, Region X, Mail Stop 513
1200 Sixth Avenue
Seattle, Washington 98101

Reference: Cyprus Thompson Creek Mining Company
Permit #ID-002540-2

Subject: NPDES Discharge Monitoring Report

Dear Sir or Madam:

Enclosed are the discharge monitoring reports for source points 001 and 002 on the Cyprus Thompson Creek Project for the month of July 1986.

If you have any questions, please advise.

Very truly yours,



A. R. Jacobs
General Manager

ARJ:rk/d

Enclosures

cc: Idaho Dept. of Health & Welfare, Boise Office
File: P-12-e

CYPRUS

Attachment A
Permit #ID-002540-2
August 14, 1986

Subject: Report of Additional Monitoring under NPDES
Permit ID 002540-2

Several pH exceedances reported this summer prompted some additional monitoring of pH in Buckskin Creek. Elevated pH readings during the summer months have been attributed to carbon dioxide reduction in the settling pond and weir due to algae blooms. Normal pH levels were recorded above and below the sediment dam and discharge point 001.

Buckskin pH Profile 7-11-86
(in order downstream of dump)

Creek below Buckskin dump	8.57
Right culvert below dump	8.26
Piezometer shed (creek)	8.23
Top pond	8.13
Stream below pond	8.69
Entrance to dam	9.90
Outflow of dam	9.50
Weir (discharge point 001)	9.35
Pond below weir	8.19

Discharge point 001 became dry July 30, 1986, however, a pH was taken in the sediment dam.

BSM:rk/d

File P-12-e

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINES

ADDRESS P. O. BOX 62

CLAYTON MO 63227

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

100025402

001 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO BACKSLIP POND

Form Appro.
OMB No. 204
Approval expir.

FACILITY

LOCATION

ATTN: R. D. MARTIN, GEN'L MGR.

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUOR 031)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****		2.5	*****	9.7			
00400 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	6.8	*****	9.0		PERMIT	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	3.0	9.0			
00530 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	*****	70	70		PERMIT	
FLOAM IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	.042	.109		*****	*****	*****			
00050 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	DAILY AV	DAILY MX	MGO	*****	*****	*****		DAILY	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
A. E. Jacobs General Manager						
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME CYPRUS THOMPSON CREEK MINES

ADDRESS P. O. BOX 62

CLAYTON

FACILITY

LOCATION

ATTN: M. D. MARTIN, GEN'L MGR.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

100025402

002 A

PERMIT NUMBER

DISCHARGE NUMBER

F - FINAL

DISCHARGE TO PAT HUGHES

Form Appro.
OMB No. 204
Approval expires

DISCHARGE

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	85	07	01		86	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

MAJOR (SURF OR)

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PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH		*****	*****		7.7	*****	8.5		1		
00400 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	6.5 MINIMUM	*****	9.0 MAXIMUM	SH		WEEKLY	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	1.0	6.0		1		
00530 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	*****	*****	***	*****	20 DAILY AV	20 DAILY MX	MG/L		WEEKLY	
FLOX, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	.104	.331		*****	*****	*****		0		
50050 1 0 EFFLUENT GROSS VALU	PERMIT REQUIREMENT	DAILY AV	DAILY MX	MGD	*****	*****	*****	***		DAILY	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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A. R. Jacobs General Manager						
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	208 234-2200 AREA CODE NUMBER	96 YEAR	07 MO	14 DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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